

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	US "20070184280" A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/01/25 09:07
L2	12	("3461098" "5189117" "5525433" "5560864" "5569727" "5629098" "5750051" "5811504" "5851427" "5904984" "6872858").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 10:08
L3	569	tanaka, shinya.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/01/25 10:32
L4	113	tanaka, shinya.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/25 10:36
L5	135	takezawa, yoshitaka.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/01/25 10:39
L6	3084	takahashi, hiroyuki.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	ADJ	ON	2008/01/25 10:44
L7	525	takahashi, hiroyuki.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/25 10:44
L8	3107	428/413.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 11:16
L9	5	"503856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/25 11:38
L10	2	ep-503856-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/25 11:39

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L11	0	jp-7508797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/25 11:41
L12	2	us-5569727-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/25 11:41
L13	1	jp-07508797-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/01/25 11:42
L14	203	(liquid near3 crystal\$6) same (prepreg)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 12:30
L15	95	(liquid near3 crystal\$6) same (prepreg) same (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$6 diglycidyl\$6 triglycidyl\$6 tetraglycidyl\$6 polyglycdiyl\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 12:31
L16	37	(liquid near3 crystal\$6) same (prepreg) same (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$6 diglycidyl\$6 triglycidyl\$6 tetraglycidyl\$6 polyglycdiyl\$6) same (aromatic phenyl phenol cyclohex\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 12:31
L17	12	(liquid near3 crystal\$6) same (prepreg) same (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$6 diglycidyl\$6 triglycidyl\$6 tetraglycidyl\$6 polyglycdiyl\$6) same (semicur\$3 partial\$2 partialcur\$3) same (advantage advantageous\$2 good preferabl\$3 fortunate\$2 desirabl\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 12:44

## EAST Search History

L18	131	(liquid near3 crystal\$6) same (epox\$6 diepox\$6 triepox\$6 polyepox\$6 glycidyl\$6 diglycidyl\$6 triglycidyl\$6 tetraglycidyl\$6 polyglycdiyl\$6) same (aromatic phenyl\$3 cyclohexyl\$3 hexan\$3) and (diaminodiphenylmethane diaminodiphenylethane diaminonaphthalene phenylenediamine methylenediamiline ethylenedianiline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2008/01/25 12:52
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NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
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NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
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NEWS	13	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
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NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
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NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/CAPplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS	30	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
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DICTIONARY FILE UPDATES: 24 JAN 2008 HIGHEST RN 1000773-19-2

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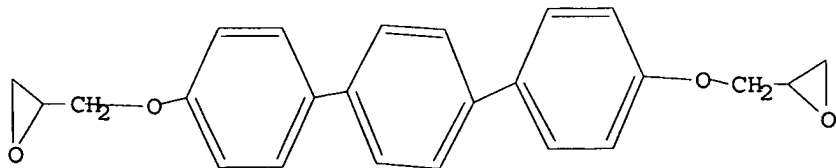
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L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



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=> s l1 fam sam  
SAMPLE SEARCH INITIATED 11:10:08 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 16 TO ITERATE

100.0% PROCESSED 16 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

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BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 80 TO 560  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA FAM SAM L1

=> s l1 fam full  
FULL SEARCH INITIATED 11:10:19 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 366 TO ITERATE

100.0% PROCESSED 366 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L3 1 SEA FAM FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 71.03 71.24

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=> s l3  
L4 1 L3

=> d scan

L4 1 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM B41M005-30  
CC 74-12 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)  
TI Thermosensitive recording material  
ST thermal recording color developer; sulfonamide color developer; sulfonthioamide color developer

IT Printing, nonimpact  
 (thermal, color developer for, aromatic sulfon(thio)amide as)  
 IT 146448-54-6  
 RL: USES (Uses)  
 (color developer, in thermal recording material)  
 IT 908-82-7 1675-54-3 2095-03-6 2131-75-1 2461-46-3 2798-17-6  
 3878-43-1 7195-44-0, Bis(2,3-epoxypropyl)terephthalate 7327-24-4  
 7417-99-4 47311-06-8 85954-11-6 141420-50-0 146448-55-7  
 146448-56-8 146448-57-9 147264-00-4  
 RL: USES (Uses)  
 (color stabilizer, in thermal recording material)  
 IT 5730-15-4P 18303-09-8P 18303-10-1P 18457-86-8P 146448-51-3P  
 146448-52-4P 146448-53-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation and use of, as color developer in thermal recording material)

ALL ANSWERS HAVE BEEN SCANNED

=> d 14 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1993:437600 CAPLUS  
 DOCUMENT NUMBER: 119:37600  
 TITLE: Thermosensitive recording material  
 INVENTOR(S): Takahashi, Yoshiyuki; Segawa, Takako; Iwasaki, Akiko;  
 Toyofuku, Kunitaka; Shirai, Ayako  
 PATENT ASSIGNEE(S): Oji Paper Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 503856	A1	19920916	EP 1992-301935	19920306
R: DE, FR, GB				
JP 04282291	A	19921007	JP 1991-44692	19910311
JP 04358887	A	19921211	JP 1991-134999	19910606
JP 05000571	A	19930108	JP 1991-151702	19910624
PRIORITY APPLN. INFO.:			JP 1991-44692	A 19910311
			JP 1991-134999	A 19910606
			JP 1991-151702	A 19910624

OTHER SOURCE(S): MARPAT 119:37600

AB A thermosensitive recording material providing a high storage durability of colored images, and a satisfactory whiteness, comprises a thermosensitive colored image-forming layer formed on a sheet substrate and comprising a colorless dye precursor, and a new color developing agent which comprises an aromatic sulfon(thio)amide compound of the formula, R1-SO2-NH-C(:X)-Y-R2 and R1-SO2-NH-C(:O)-R3 [X and Y are O or S; R1 is an unsubstituted aromatic mono- or poly-cyclic group, or a substituted Ph group having a lower alkyl, aryl or halogen; R2 is a substituted alkyl group having an aralkyl or aryloxy, unsubstituted aromatic mono- or poly-cyclic group, or a substituted aromatic mono- or poly-cyclic group having an alkyl, alkenyl, aryl, aralkyl, alkyloxy, aryloxy, aralkyloxy, alkylmercapto, arylmercapto, aralkylmercapto, alkyloxycarbonyl, aryloxy-carbonyl, aralkyloxycarbonyl or halogen, and R3 is a substituted Ph group with a low alkyl, aryl or halogen, unsubstituted aromatic mono- or poly-cyclic group or aliphatic or cycloaliph. hydrocarbon group].

IT 146448-55-7  
 RL: USES (Uses)  
 (color stabilizer, in thermal recording material)

RN 146448-55-7 CAPLUS

CN Oxirane, 2,2'-[[1,1':4',1''-terphenyl]-4,4''-diylbis(oxymethylene)]bis-  
(9CI) (CA INDEX NAME)

